Form PTO 948 (Rev. 8-98)

U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application No. 09 388 83

#### NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color.  Color drawings are not acceptable until petiton is granted. Fig(s)  Pencil and non black ink not permitted. Fig(s)  PHOTOGRAPHS. 37 CFR 1.84 (b)  1 full-tone set is required. Fig(s)  Photographs not properly mounted (must use brystol board or photographic double-weight paper). Fig(s)  Foor quality (half-tone). Fig(s)  TYPE OF PAPER. 37 CFR 1.84(e)  Paper not flexible, strong, white, and durable. Fig(s)  Erasures, alterations, overwritings, intertineations, folds, copy machine marks not accepted. Fig(s)  Mylar, velum paper is not acceptable (too thin). Fig(s)  SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4)	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)  Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s)  9. SCALE. 37 CFR 1.84(k)  Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds i reproduction.  Fig(s)  10. CHARACTER OF LINES, NUMBERS, & LETTERS.  37 CFR 1.84(i)  Lines, numbers & letters not uniformly thick and well defined, clean, dyrable, and black (poor line quality).  Fig(s)  Solid black areas pale. Fig(s)  Solid black shading not permitted. Fig(s)  Shade lines, pale, rough and blurred. Fig(s)
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21.0 cm by 29.7 cm (DIN size A4)	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
21.6 cm by 27.9 cm (8 1/2 x 11 inches)	37 CFR 1.84(p)
All drawing sheets not the same size.	Numbers and reference characters not plain and legible.
Sheet(s)	Fig(s) 1—8  Prigure legends are poor. Fig(s) 1—8
Drawings sheets not an acceptable size. Fig(s)	Numbers and reference characters not oriented in the
MARGINS. 37 CFR 1.84(g): Acceptable margins:	
	same direction as the view. 37 CFR 1.84(p)(1)
Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm	Fig(s) 17 CFP 1 84(a)(2)
SIZE: A4 Size	English alphabet not used. 37 CFR 1.84(p)(2)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	Figs Numbers, letters and reference characters must be at lea
SIZE: 8 1/2 x 11 5 1	.32 cm (1/8 incb) in height. 37 CFR 1.84(p)(3)
Margins not acceptable. Fig(s)	Fig(s)
Top (T) Left (L)	
Right (R) Bottom (B)	13. LEAD LINES. 37 CFR 1.84(q)  Lead lines cross each other. Fig(s)
VIEWS. 37 CFR 1.84(h)	
REMINDER: Specification may require revision to	Lead lines missing. Fig(s)  14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(
correspond to drawing changes.	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1:040
Partial views. 37 CFR 1.84(h)(2)	Sheets not numbered consecutively, and in Arabic nume
Brackets needed to show figure as one entity.	beginning with number 1. Sheet(s)
Fig(s)	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
Views not labeled separately or properly.	Views not numbered consecutively, and in Arabic nume
Fig(s)	beginning with number 1. Fig(s)
Enlarged view not labeled separetely or properly.	16. CORRECTIONS. 37 CFR 1.84(w)
Fig(s)	Corrections not made from prior PTO-948
SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)	dated
Hatching not indicated for sectional portions of an object.	17. DESIGN DRAWINGS. 37 CFR 1.152
Fig(s)	Surface shading shown not appropriate. Fig(s)
Sectional designation should be noted with Arabic or	Solid black shading not used for color contrast.
Roman numbers. Fig(s)	Fig(s)
COMMENTS / / / / / / / / / / / / / / / / / / /	(16)
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ATTACHMENT TO PAPER NO. \_\_\_\_\_\_

# Attachment for PTO-948 (Rev. 03/01, or earlier) 6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

#### INFORMATION ON HOW TO EFFECT DRAWING CHANGES

#### 1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings MUST be filed within the THREE MONTH shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

## 2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, MUST be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes

### **Timing of Corrections**

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a)

Failure to take corrective action within the set period will result in ABANDONMENT of the application.